Appendix II

The following is a status report of action(s) taken on previous BEHA recommendations (**in bold**) based on reports from building staff, documents, photographs and BEHA staff observations.

1. **Implement the corrective actions recommended concerning renovations in the building (MDPH, 2000).**

   Action Taken: Renovations were completed by the time of the reassessment.

2. **Examine each univent for function. Survey classrooms for univent function to ascertain if an adequate air supply exists for each room. Operate univents while classrooms are occupied. Consider consulting a heating, ventilation and air conditioning (HVAC) engineer concerning the calibration of univent fresh air control dampers school-wide. If univents dampers cannot be readily adjusted, consider using windows to supplement fresh air in classrooms.**

   Action Taken: As indicated by follow up air monitoring, unit ventilators (univents) should be adjusted to introduce more fresh air to a number of classrooms (see Tables).

3. **Remove all blockages from univents and exhaust vents to ensure adequate airflow.**

   Action Taken: Some classrooms continue to be blocked with obstructions (see Tables).

4. **In order to enhance the draw of fresh air by univents in classrooms 106, 108, 210 and 212, consider installing an auxiliary fan in the mouth of the rooftop fresh air intake to force fresh air down the ductwork.**

   Action Taken: With renovations complete, the vents connected to these univent fresh air intakes were removed.

5. **Install new disposable filters in classrooms that fit flush into racks.**

   Action Taken: Filters were changed on a routine basis since the renovations were completed.

6. **Continue with plans to replace univents in the old building.**

   Action Taken: Univents were reported by school officials to be repaired or replaced.

7. **Once both the fresh air supply and the exhaust ventilation are functioning, the ventilation system should be balanced by an HVAC engineer.**

   Action Taken: BEHA staff requested a copy of the ventilation balancing report. To date, no copy of this document was provided to BEHA staff for examination.

8. **Clean air filters for window-mounted air conditioners in accordance with manufacturer's recommendations.**

   Action Taken: Wall mounted air conditioner filters were not examined during this reassessment.

9. **Have a chemical inventory done in all storage areas and classrooms. Discard hazardous materials or empty containers of hazardous materials in a manner consistent with environmental statutes and regulations. Follow proper**

procedures for storing and securing hazardous materials. Obtain Material Safety Data Sheets (MSDS') for chemicals from manufacturers or suppliers.

Action Taken: Cleaning products and insecticides continue to be stored within classrooms (see **Other Concerns** section of the indoor air quality assessment).

10. **Move plants away from univents in classrooms. Examine drip pans for mold growth and disinfect with an appropriate antimicrobial where necessary. Consider reducing the number of plants in certain areas.**

    Action Taken: Plants continue to exist in classrooms near univents.

11. **Seal openings in suspended ceiling to prevent dust and odor penetration into occupied areas.**

    Action Taken: Ceiling tiles were replaced throughout the building, with the exception of the library, which became heavily water damaged as a result of a frozen rooftop air handling unit (AHU) coil. For more details concerning library water damage, see Appendix I).

12. **Seal the washing machine drain in classroom 224.**

    Action Taken: The drain was sealed.

13. **Consider posting a sign at the loading dock to inform delivery drivers that engine should be shut off after five minutes as required by Massachusetts General Laws 90:16A.**

    Action Taken: No sign was posted.

14. **Clean chalkboards and chalk trays regularly to prevent the build-up of excessive chalk dust.**

Action Taken: Chalkboards appeared to be mostly free of accumulated chalk dust.

15. **Consider consulting a ventilation engineer concerning the introduction of moisture into the building. The HVAC air conditioning system of the central core and exterior classroom univents must be operated during warm weather in a manner to minimize the amount of moisture introduced into the building.**

    Action Taken: This contingency could not be examined since this reassessment was done during the heating season. BEHA staff suggested that floors be monitored in hallways adjacent to areas with air conditioning for condensation accumulation.

16. **The ceiling tile system in both the hallway and exterior classrooms should be examined for microbial growth. If microbial growth is found in the ceiling plenum side of ceiling tiles, consider replacing contaminated materials.**

    Action Taken: Some ceiling tiles continue to be water damaged (see Tables).

17. **Consider removing the carpeting in the administration office if determined to be moldy.**

    Action Taken: Carpet was free of musty odors.